
11 Measurement of Pipe Items

Pipe Measurement

Tees, Stub-Tees, and Wyes

Elbows

Other Connections

Anchors

Pipe End Sections & Safety Metal Sections

Grated Box End Sections

CHAPTER ELEVEN:

MEASUREMENT OF PIPE ITEMS

PIPE MEASUREMENT

Pipes are paid for by the linear measurement as specified in Section **715.11** and measured from outside of manhole to outside of manhole. For pipes connecting to inlets and catch basins, the pipes are also measured to the outside face of the structure.

TEES, STUB-TEES, AND WYES

Tee, Stub-Tee, and Wye connections are measured along the centerline of the barrel. For making the connection, an additional 5 feet of the smaller pipe size is paid.

ELBOWS

Elbow connections are measured along the centerline of the elbow. An additional payment of 2 feet is allowed for each elbow connection.

OTHER CONNECTIONS

Other connections, such as size reducers, are measured for length and paid as the larger diameter pipe size specified.

ANCHORS

Pipe anchors are paid as each for the size. The resteel and/or straps are to be included in other costs.

PIPE END SECTIONS & SAFETY METAL SECTIONS

Pipe end sections, metal or precast concrete, and safety metal end sections are paid for each according to the diameter of the pipe the sections connect to. This is because 15 inch metal end sections are required to fit a 12 inch concrete pipe.

GRATED BOX END SECTIONS

Grated box end sections are paid for each, by the size, slope, and type specified.